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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 08/916,629 08/22/1997 Filing Date CHAD A. COBBLE First Named Inventor 1733 Art Unit AFTERGUT, J. H. Examiner Name 97-0098 Attorney Docket Number

			Publication Date	DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
Examiner nitials*	Cite No. ¹	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (F known)}		11 1 2 2 2 2 2	
XHA	Α	^{US-} 3,142,698	07/28/1964	Halperrn et al.	
), 1	В	^{US-} 3,825,580	07/23/1974	Kato et al.	
	С	US- 3,984,749	10/05/1976	Muller	
	D	US- 4,021,767	05/03/1977	Nonaka et al.	
	Ē	^{US-} 4,139,693	02/13/1979	Schoenberg	
	F	^{US-} 4,167,546	09/11/1979	Korshak et al.	
	G	US- 4,172,907	10/30/1979	Mones et al.	
+	H	US- 4.321,180	03/23/1982	Kimura et al.	
	ti	US- 4,720,513	01/19/1988	Kameyama et al.	
+	J	US- 4,815,208	03/28/1989	Raschke	
+	K	^{US-} 4,837,260	06/06/1989	Sato et al.	
+	 	US- 4,862,245	08/29/1989	Pashby et al.	
†	М	US- 5,252,855	10/12/1993	Ogawa et al.	
+	N	us- 5,286,679	02/15/1994	Farnworth et al.	
†	Ö	US- 5,339,416	08/16/1994	Nakagami et al.	
 	P	us- 5,536,799	07/16/1996	Takahashi et al.	
+-	Q	^{US-} 5,841,193	11/24/1998	Eichelberger	
1	R	^{US-} 5,841,799	11/24/1998	Hiroki	
201	s	^{US-} 5,861,678	01/19/1999	Schrock	

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(_/		FOREI	GN PATENT DOCU	MENTS		┰
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	6
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First Named Inventor	CHAD A. COBBLEY	
Art Unit	1733	
Examiner Name	AFTERGUT, J. H.	
Attorney Docket Number	97-0098	

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Sheet	12				
			U. S. PATENT	DOCUMENTS	Coheman Ligas Where
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (F known)	00/04/4000	Corbett et al.	
Smla	T	^{US-} 5,945,733	08/31/1999		
Shall	U	^{US-} 6,049,125	04/11/2000	Brooks et al.	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T6
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